Wide field of view gamma-ray observatory in South America

- A broad energy range: From satellites to the highest energies (Core + sparse array at 5000 m a.s.l.)

- Complementarity to: CTA, IceCube, KM3NET, GW observatories (transients, sources variability, … )

- Build on the experience of successful observatories: Argo, HAWC, Auger, …

- Low maintenance / reasonable cost
Detector concept and performance

- An hybrid detector: 1ns time resolution (angular resolution), calorimetric energy measurement (trigger)

- Results from LATTES concept are quite encouraging! (end-to-end simulation)

Sketch of a first organization?

1- **Steering Committee** with representatives of countries/funding agencies/big Lab
2- **Physics Group** in charge to prepare a white book or something similar
3- **Detector and Performance Group** to develop and simulate the several detectors concepts
4- **R&D Group** to coordinate the production and test of prototypes
5- **Site Procurement Group** to start the evaluation of the possible sites (Chile, Argentina) as well to evaluate the local support.